'S DOCKET NUMBER U.S. DEPARTMENT OF COMMERCE Form PTO-1390 PATENT AND TRADEMARK OFFICE P21480 P21480.P01 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 926218 PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 31 March 2000 31 March 1999 PCT/JP00/02076 TITLE OF INVENTION SUBSTRATE FOR THIOREDOXIN REDUCTASE APPLICANT(S) FOR DO/EO/US Arne HOLMGREN, Marjan H. AMIRI and Hiroyuki MASAYASU Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information. 1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. __ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. X This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). 4. X The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. X is attached hereto (required only if not communicated by the International Bureau).
 b. X has been communicated by the International Bureau. c. __ is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). **b**. _ have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. $\overline{\underline{X}}$ have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)) 9. X=An oath or declaration of the inventor(s) (35 U.S.C. .371(c)(4)). "Unexecuted"
An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (U.S.C. 371(c)(5)). Items: #I to 16 below concern other document(s) or information included: 11. Assignee: <u>DAIICHI PHARMACEUTICAL CO., LTD., of Tokyo, JAPAN</u> 12. ___ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 13. ___ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 14. X A FIRST preliminary amendment.
A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. 16. A change of power of attorney and/or address letter. 17. ___ Figure of Drawing to be published_ 18. X Other items or information: International Application as publihed (in Japanese). PCT/RO/101-PCT EASY (with International Application as filed in Japanese). Cover Letter under 35 U.S.C. 371 AND 37 C.F.R. 1.495. PCT/IPEA/409 International Preliminary Examination Report (in Japanese). PCT/IPEA/408 Written Opinion (in Japanese). PCT/IB/308. PCT/IB/332. PCT/IB/301. PCT/IB/304. PCT/ISA/210 (in Japanese & English). Claim of Priority.

U.S. APPLICATION NO. (If known, see 37 C INTERNATIONAL APPLICATION NO. 1.5) INTERNATIONAL APPLICATION NO. PCT/JP00/02076		ATION NO.	TTORNEY'S DOCKET NUMBER		
,	19/9:202.	PCT/JP00/02076		P21480	· · · · · · · · · · · · · · · · · · ·
19. X. The following fees are submitted:				CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.492(a)(1)-(5)):					
Search report has been prepared by the EPO or JPO					
International preliminary examination fee paid to USPTO (37 CFR 1.482) \$ 690.00					
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO(37 CFR 1.445(a)(2)					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO					
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$860.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
Claims	Number Filed	Number Extra	RATE	\$ 0.00	, , , , , , , , , , , , , , , , , , ,
Total Claims	12 - 20 =	0	X \$18.00	\$ 0.00	
Independent Claims	2 -3=	0	X \$80.00	\$ 0.00	
Multiple dependent claim(s) (if applicable) + \$270.00				\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$860.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced				\$ 0.00	
SUBTOTAL =				860.00	
Precessing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				0.00	
Extension of Time fee in the amount of \$				0.00	
TOTAL NATIONAL FEE =				860.00	
Feetor recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				0.00	
TOTAL FEES ENCLOSED =				860.00	
				Amount to be refunded	\$
				Charged	\$
a. X A check in the amount of \$860.00 to cover the above fees is enclosed.					
b Please charge my Deposit Account No in the amount of \$ to cover the above fees.					
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO CUSTOMER NO. 7055 AT THE PRESENT ADDRESS OF:				Lesle Mane	una feg lo 33,329
Bruce H. Bernstein GREENBLUM & BERNSTEIN, P.L.C. 1941 Roland Clarke Place Reston, VA 20191 (703) 716-1191				Bruce H. Bernstei NAME 29,027	33,329
(103) /10-1191				REGISTRATION	NUMBER

P21480

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: A. HOLMGREN et al.

Appl. No : Not Yet Assigned

(U.S. National Phase of PCT/JP00/02076)

I.A.Filed: 31 March 2001

For : SUSTRATE FOR THIOREDOXIN REDUCTASE

COVER LETTER ACCOMPANYING U.S. NATIONAL STAGE PATENT APPLICATION FILED UNDER 35 U.S.C. 371 AND 37 C.F.R. 1.495

Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Enclosed is a new National Stage patent application for filing in the U.S. Patent and Trademark Office under 35 U.S.C. 371 and 37 C.F.R. 1.495. The Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the period of time set in a Notification to be mailed by the United States Patent and Trademark Office.

Related to this, a correspondence address is provided in the unexecuted Declaration and Power of Attorney, and is as follows:

GREENBLUM & BERNSTEIN, P.L.C. 1941 Roland Clarke Place Reston, Va. 20191

If there any questions pertaining to this National Stage Application, please contact the undersigned.

Respectfully submitted, A. HOLMGREN et al.

Bruce H. Bernstein

Reg. No. 29,027

September 25, 2001 GREENBLUM & BERNSTEIN, P.L.C. 1941 Roland Clarke Place Reston, VA 20191 (703) 716-1191